T Minmbo-	1124-	Soarch Tout		I mima atam
L Number	Hits 1	Search Text 5369858.pn. and elongation	USPAT	Time stamp 2003/06/27 17:59
-	44517	non\$1woven\$1	USPAT	2003/06/27 17:59
-	14517	basis adj weight	USPAT	2003/06/27 12:45
_	1504690	aperture\$2 or hole or opening	USPAT	2003/06/27 12:45
_	40805	aspect with ratio	USPAT	2003/06/27 12:45
_	402809	extension or strech	USPAT	2003/06/27 12:45
_	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:47
-	34	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 12:47
		(aperture\$2 or hole or opening) and		1000,00,2, 11.02
		(aspect with ratio) and (extension or		
		strech) and (meltblown with (fiber or		
		microfiber)		
-	89	("2391621" "2576914" "3020178"	USPAT	2003/06/27 11:12
		"3165485" "3224926" "3287149"		
		"3339550" "3417040" "3455778"		
		"3485706" "3489148" "3494821"		
		"3520842" "3556932" "3556933"		
		"3629171" "3695269" "3700623"		
		"3765997" "3772076" "3809089"		
		"3812000" "3838692" "3885158"		1
		"3899388" "3929135" "3967623"	1	[
		"3976734" "4041951" "4100324" "4113011" "41137100" "4120520"	1	
		"4113911" "4117199" "4129528" "4147586" "4200450" "4220021"		
		"4147586" "4208459" "4222921" "4342314" "4391869" "4425130"		
		,		
		"4445970" "4524474" "4556450" "4588457" "4610915" "4626254"		
		"4675394" "4725473" "4741941"	1	
		"4781710" "4879170" "4929495"		1
		"4931355" "4981557" "5008344"		
		"5011864" "5048589" "5069548"		
		"5085736" "5156902" "5188625"		
		"5230776" "5246545" "5302382"	1	
		"5348620" "5368910" "5389202"		
		"5399412" "5411636" "5423788"		
		"5429686" "5431643" "5437653"		
		"5454801" "5478335" "5491190"		
		"5492598" "5501768" "5516572"		1
		"5536555" "5552020" "5562645"		ŧ
ļ		"5591306" "5591309" "5598643"		İ
•		"5601871" "5635191" "5653930"		-
	7.0	"5667636" "5670110").PN.		
_	70	("2834809" "2867560" "2877765"	USPAT	2003/06/27 11:17
		"2896618" "2908064" "2923298"		
		"3236238" "3276944" "3307545" "3338992" "3341394" "3423266"		
		"3338992" "3341394" "3423266" "3466212" "3502538" "3502763"		
		"3542615" "3543750" "3687797"		
		"3692618" "3802817" "3814101"		1
		"3849241" "3886941" "3929135"		
		"3949127" "3965906" "3967623"		
		"4041951" "4321924" "4327730"		
		"4340563" "4446189" "4469735"		
		"4525407" "4573989" "4606964"		
		"4626254" "4652487" "4657802"		
		"4668566" "4690679" "4692368"		
		"4720415" "4725473" "4761324"		
		"4781966" "4798604" "4801494"		
		"4834738" "4842596" "4847134"		
		"4880682" "4891258" "4902553" "4008036" "4016006" "4025207"		1
		"4908026" "4916005" "4935287" "4981747" "5057261" "5078710"		·
		"4981747" "5057361" "5078710" "5089075" "5114781" "5135521"		
	İ	"5143679" "5114781" "5135521" "5143679" "5151314" "5188625"		
j		"5143679" "5131314" "5188625" "5208098" "5244716" "5248309"		1
		5200096		
_	467574	extension or strech or elongation	USPAT	2003/06/27 12:38
-	850593		USPAT	2003/06/27 12:38
-	29387	aspect adj ratio	USPAT	2003/06/27 12:39
-	44517	non\$1woven\$1	USPAT	2003/06/27 12:45
<u> - </u>	14542	basis adj weight	USPAT	2003/06/27 12:45
			·	,

_	1518358	aperture\$2 or hole or opening or	USPAT	2003/06/27 12:46
1		perforation	•	
-	29387	aspect adj ratio	USPAT	2003/06/27 12:46
1 -	850905	extension or strech\$5 or elongat\$5	USPAT	2003/06/27 13:04
-	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:54
<u>-</u>	42	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 12:54
	32	(aperture\$2 or hole or opening or	OSFAI	2003/00/27 12.34
		perforation) and (aspect adj ratio) and		
		(extension or strech\$5 or elongat\$5) and		!
	0000	(meltblown with (fiber or microfiber))		1 0000 405 405 40 54
-	2382		USPAT	2003/06/27 12:54
-	990	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:04
		(aperture\$2 or hole or opening or		1
1		perforation) and (extension or strech\$5 or		
		elongat\$5) and meltblown		
-	586619	elongat\$5	USPAT	2003/06/27 13:04
-	849	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:05
		(aperture\$2 or hole or opening or		
		perforation) and elongat\$5 and meltblown		
_	491498	elongation or elongated	USPAT	2003/06/27 13:04
_	787	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:45
	1	(aperture\$2 or hole or opening or	331111	2000,00,2, 10.40
		perforation) and (elongation or elongated)	1	
		and meltblown		
	1 12	and mertbrown ("3772417" "3795571" "3949127"	HCDAE	2002/06/27 12:07
1	12	(3//241/" "3/955/1" "394912/"	USPAT	2003/06/27 13:07
		"3978185" "4041203" "4048364"	·	
		"4107364" "4187343" "4223059"		
		"4276336" "4307143" "4324752").PN.	1	[
_	70	4443513.URPN.	USPAT	2003/06/27 13:07
-	12	("3695985" "3770562" "3793133"	USPAT	2003/06/27 13:39
		"4013816" "4041203" "4275105"		
		"4287251" "4411660" "4606964"		1
		"4650481" "4655760" "4720415").PN.		
_	75	4847134.URPN.	USPAT	2003/06/27 13:40
_	46	(non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:40
		(aperture\$2 or hole or opening or	JULAI	2003/00/2/ 14.14
1		perforation) and (elongation or elongated)		[
		and meltblown) and 4847134.URPN.		1
I _	13		HCDAM	2002/06/27 12:52
-	13		USPAT	2003/06/27 13:53
		"4013816" "4041203" "4050462"		
		"4275105" "4287251" "4411660"		
1		"4606964" "4650481" "4655760"		
1		"4720415").PN.		
-	59	4891258.URPN.	USPAT	2003/06/27 13:53
-	67	("Re31601" "2862251" "3033721"	USPAT	2003/06/27 14:12
		"3068547" "3129466" "3214819"		
		"3276944" "3338992" "3341394"		
		"3434188" "3485706" "3493462"	[
		"3494821" "3498874" "3502538"	İ	
		"3502763" "3508308" "3509009"		
		"3542615" "3563241" "3595245"		
		"3620903" "3676242" "3683921"		
		"3692618" "3704198" "3715251"	-	1
		3769659" "3787932" "3800364"		1
		,		
		l · · · · · · · · · · · · · · · · · · ·		
		"4041203" "4152480" "4166877"		
		"4190695" "4251581" "4297404"		
	1	"4302495" "4334340" "4405297"		
		"4410579" "4426420" "4426421"	<u> </u>]
		"4442161" "4476186" "4514455"		
		"4532173" "4537819" "4548628"		
1		"4585449" "4591513" "4636419"		
		"4637819" "4681801" "4704112"		1
		"4753834" "4775579" "4808467"		
		"4812112" "4818594" "4879170"		
		"4902564" "4931355" "4939016"		
		"4950531").PN.		
	7	5369858.URPN.	USPAT	2003/06/27 14:13
1_	4	(non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 14:13
	"		OSEMI	2003/00/2/ 14:31
		(aperture\$2 or hole or opening or		
		perforation) and (elongation or elongated)		
		and meltblown) and 5369858.URPN.		<u> </u>

-	1	5369858.pn. and ((aperture\$2 or hole or	USPAT	2003/06/27 15:17
l		opening or perforation) same (size or		
		diameter or length))	İ	
_	102526		USPAT	2003/06/27 15:18
-	2529	(extension or strech\$5 or elongat\$5) same	USPAT	2003/06/27 15:19
	ľ	((cross adj machine adj direction) or CD)		
-	6		USPAT	2003/06/27 15:20
		same ((cross adj machine adj direction) or		
		CD)) and non\$1woven\$1 and (basis adj		
		weight) and (aperture\$2 or hole or		
		opening or perforation) and meltblown)		
		and (aspect adj ratio)		
-	224		USPAT	2003/06/27 15:22
		((cross adj machine adj direction) or CD		
)) and non\$1woven\$1 and (basis adj weight		İ
) and (aperture\$2 or hole or opening or	į	
		perforation) and meltblown		
-	4	(high with CD with elongation with	USPAT	2003/06/27 15:42
1	ľ	nonwoven).ti.		
-	11272	diaper or (sanitary adj napkin)	USPAT	2003/06/27 15:44
-	1951		USPAT	2003/06/27 15:44
-	495639		USPAT	2003/06/27 15:46
		perforation) same (radius diamter size		
		length)		1
-	848	(diaper or (sanitary adj napkin)) and	USPAT	2003/06/27 15:54
		topsheet and ((aperture\$2 or hole or		
		opening or perforation) same (radius		
		diamter size length))		
-	1950	(aperture\$2 or hole or opening or	USPAT	2003/06/27 15:59
		perforation) same (radius diamter size		
		length) same (aspect adj ratio)		
_	2	(USPAT	2003/06/27 15:47
		topsheet and ((aperture\$2 or hole or		
		opening or perforation) same (radius		
		diamter size length) same (aspect adj		i
		ratio))		
-	10		USPAT	2003/06/27 16:53
	1	perforation) same (aspect adj ratio)) and		
		(diaper or (sanitary adj napkin)) and		
		topsheet		
_	36166		USPAT	2003/06/27 15:57
		perforation) same (radius diamter size		
	522	length) same mm\$7		
-	530		USPAT	2003/06/27 16:03
		size area)) and (diaper or (sanitary adj		
1_	242	napkin)) and topsheet	Habam	0000/06/05 16 55
-	343		USPAT	2003/06/27 16:09
		size)) and (diaper or (sanitary adj		
1_	381	napkin)) and topsheet ((aperture\$2 or hole) same (radius	HODAR	0000106105 15 55
-	301	diameter) and (diameter)	USPAT	2003/06/27 16:23
		diameter)) and (diaper or (sanitary adj		
1_	1	napkin)) and topsheet ((aperture\$2 or hole) same (radius	II C D A M	2003/06/07 16 05
	*	((aperture\$2 or hole) same (radius diameter)) and 4892528.pn.	USPAT	2003/06/27 16:27
_	1	(aspect adj ratio) and 5941864.pn.	IICDAM.	2002/06/27 16:45
l _	2	thickness and ("4892528" "5369858").pn.	USPAT	2003/06/27 16:45 2003/06/27 16:46
_	58	ASTM with ((D with "1682-64") or	USPAT USPAT	2003/06/27 16:46
	33	"D168264")	OSEMI	2003/00/2/ 10:54
_	35	(ASTM with ((D with "1682-64") or	USPAT	2003/06/27 16:56
		"D168264")) and load\$5	ODIAI	2003/00/2/ 10:30
_	25	(ASTM with ((D with "1682-64") or	USPAT	2003/06/27 17:25
i		"D168264")) same load\$5	551711	2003/00/2/ 17:23
_	2	(("5369858") or ("4892528")).PN.	USPAT	2003/06/27 17:25
<u> </u>				2000/00/21 11.20